

**PENERAPAN MODEL PEMBELAJARAN *PROJECT BASED LEARNING*
UNTUK MENINGKATKAN KEMAMPUAN PEMBUATAN POLA
BADAN SISTEM SOEN SISWA KELAS X BUSANA 2 SMK NEGERI 2
GODEAN**

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ABSTRAK

Penelitian ini bertujuan untuk: 1) menerapkan model pembelajaran *Project Based Learning* pada materi pembuatan pola badan sistem Soen di kelas X Busana 2 SMK Negeri 2 Godean; 2) meningkatkan kemampuan unjuk kerja pada materi pembuatan pola badan sistem Soen dengan menerapkan model pembelajaran *Project Based Learning* di kelas X Busana 2 SMK Negeri 2 Godean.

Penelitian ini merupakan penelitian tindakan kelas (PTK) menggunakan model spiral Kemmis dan McTaggart, dilakukan dalam 2 siklus. Tahapan siklus meliputi tahap perencanaan, tindakan dan observasi, serta refleksi. Subjek penelitian ini adalah siswa kelas X Busana 2 di SMK Negeri 2 Godean yang berjumlah 32 siswa tahun ajaran 2017/2018. Metode pengumpulan data menggunakan lembar observasi pelaksanaan *Project Based Learning*, dan tes unjuk kerja pembuatan pola badan sistem Soen. Pembuktian validitas instrumen menggunakan validitas isi yaitu meminta pertimbangan kepada *judgement expert* dengan hasil akhir instrumen layak digunakan dalam penelitian. Pembuktian reliabilitas menggunakan metode Antar Rater menggunakan tingkat *Procentage Of Agreement* yang menyatakan bahwa instrumen reliable dan dapat digunakan dalam penelitian. Teknik analisis data yang digunakan adalah deskriptif kuantitatif.

Hasil penelitian ini adalah: 1) Pelaksanaan model pembelajaran *Project Based Learning* pada materi pembuatan pola badan sistem Soen dilaksanakan dengan langkah-langkah: (a) Pendahuluan: salam pembuka, absensi, apersepsi; (b) Kegiatan inti: tahap (1): penentuan proyek (mengamati, menanya), tahap (2): perancangan langkah-langkah penyelesaian proyek (menalar), tahap (3): penyusunan jadwal pelaksanaan proyek (mencoba), tahap (4): penyelesaian proyek dengan fasilitas dan monitoring guru (mencipta), tahap (5): penyusunan laporan dan presentasi/publikasi hasil proyek (mengkomunikasikan); (c) Penutup: tahap (6): evaluasi proses dan hasil proyek; 2) Peningkatan kemampuan unjuk kerja pembuatan pola badan sistem Soen yang ditunjukkan dengan peningkatan persentase nilai unjuk kerja siswa dari pra siklus 37.5% yaitu 12 siswa dinyatakan mampu, menjadi 68.72% dengan jumlah siswa 22 orang pada siklus I, dan siklus II meningkat menjadi 100% yaitu 32 siswa. Hal ini membuktikan bahwa model pembelajaran *Project Based Learning* dapat meningkatkan kemampuan unjuk kerja pembuatan pola badan sistem Soen kelas X Busana 2 SMK N 2 Godean.

Kata kunci: *Project Based Learning*, kemampuan unjuk kerja, pola Soen, Siswa, SMK

**THE APPLICATION OF THE PROJECT BASED LEARNING MODEL TO
IMPROVE THE PERFORMANCE IN BODY PATTERN MAKING WITH
THE SOEN SYSTEM AMONG THE STUDENTS OF GRADE X OF
FASHION DESIGN 2 OF SMK NEGERI 2 GODEAN**

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ABSTRACT

This study aimed to: 1) apply the Project Based Learning model in the material for body pattern making with the Soen system in Grade X of Fashion Design 2 at SMK Negeri 2 Godean; and 2) improve the performance in the material for body pattern making with the Soen system by applying the Project Based Learning model in Grade X of Fashion Design 2 of SMK Negeri 2 Godean.

This was a classroom action research (CAR) study using Kemmis and McTaggart's spiral model, conducted in 2 cycles. The stages of each cycle included planning, action and observation, and reflection. The research subjects the students of Grade X of Fashion Design 2 of SMK Negeri 2 Godean with a total of 32 students in the 2017/2018 academic year. The data were collected using observation sheets for the implementation of Project Based Learning model, and a performance test for body pattern making with the Soen system. The instrument validity was assessed in terms of the content validity through expert judgment of which the result showed that the instrument was appropriate to be used in the study. The reliability was assessed using the inter-rater method to obtain the level of the percentage of agreement and the result showed that the instrument was reliable and could be used in the study. The data analysis technique was the quantitative descriptive technique.

The results of the study were as follows. 1) The Project Based Learning model in the material for body pattern making with the Soen system was implemented through the steps of: (a) Introduction: opening greetings, attendance checking, and apperception; (b) Main activities: stage (1): determining the project (observing and asking); stage (2): designing project completion steps (reasoning); stage (3): preparing the project implementation schedule (trying); stage (4): completing the project with facilities and teacher monitoring (creating); and stage (5): preparing the report and presenting/publishing project results (communicating); and (c) Closing: step (6): evaluating the process and results of the project. 2) The improvement of the performance in body pattern making with the Soen system was indicated by the increase of the percentage of the scores of students' performance from 37.5% (12 capable students) in the pre-cycle to 68.12% (22 students) in Cycle I and to 100% (32 students) in Cycle II. This proved that the Project Based Learning model was able to improve the performance in body pattern making with the Soen system in Grade X of Fashion Design 2 of SMK Negeri Godean 2.

Keywords: Project Based Learning, performance, Soen pattern, Students, SMK